LIST OF REFERENCES CITED BY APPLICANT					ATTY DOCKET NO.			APPLICATION NO		
					6523-038 TBA					
Lis	1 OF	(Use several sheets if		PLICANI	Cheng et al.					
						FILING DATE GROUP September 4, 2003 TBA				
			II C D	ATENT DOCUM		<u> </u>		<u>Dix</u>		
ASW - 140 (SD		······································	1	ATENT DOCUM						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		АМЕ	CLAS	SS SI	JBCLASS	FILING IF APPRO	
W	A01	4,000,137	12/28/76	Dvonch et al.			\perp		<u></u>	
	A02	4,336,381	6/22/82	Nagata et al.						
,	A03	4,861,759	8/29/89	Mitsuya et al.						
	A04	4,879,277	11/7/89	Mitsuya et al.				.		
	A05	4,916,122	4/10/90	Chu et al.					· · · · · · · · · · · · · · · · · · ·	
	A06	4,963,533	10/16/90	de Clercq et al.						
	A07	5,047,407	9/10/91	Belleau et al.			1			
	A08	5,059,690	10/22/91	Zahler et al.						
1	A09	5,071,983	12/10/91	Koszalka et al.						
·	A10	5,179,104	1/12/93	Chu et al.						
	A11	5,185,437	2/9/93	Koszalka et al.						
	A12	5,204,466	4/20/93	Liotta et al.					<u> </u>	
	A13	5,210,085	5/11/93	Liotta et al.						
	A14	5,248,776	9/28/93	Chu et al.						
	A15	5,532,246	7/02/96	Belleau et al.						
	A16	5,539,116	7/23/96	Liotta et al.						
	A17	5,587,480	12/24/96	Belleau et al.						
7	A18	6,350,753	2/26/02	Belleau et al.				1		
	÷		FOREIGN	PATENT DOC	JMENTS					
		DOCUMENT NUMBER	DATE	cou	NTRY	CLAS	s s	JBCLASS	TRANSL	ATION
2 4 /	B01		T					<u> </u>	YES	NO
W	201	EP 206 497 B1	7/20/94	EP					<u> </u>	

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSI	ATION
		· · · · · · · · · · · · · · · · · · ·	·- 	1		<u> </u>	YES	NO
W	B01	EP 206 497 B1	7/20/94	EP	Î		-	
	B02	EP 302 760 B1	7/29/92 · ·	-EP				
	B03	EP 337 713 A2	10/18/89	ЕРО				<u> </u>
	B04	EP 375 329 A2	6/27/90	EPO			-	
	B05	EP 382 526 A2	8/16/90	ЕРО				
	B06	EP 433 898 A	6/26/91	ЕРО				

	<u> </u>		,	
	B07	EP 494 119 A1	7/8/92	EPO
	B08	EP 515 144 A1	5/19/92	EPO
	B09	EP \$15 156 A1	11/25/92	EP
	B10	EP 515 157 A1	11/25/92	EPO
R	B11	EP 526 253 A1	2/3/93	EPO
	B12	GB 9009861.7	11/14/91	GB ·
	B13	GB 9100039.8	7/23/92	GB
	B14	GB 9109506.7	11/12/92	GB
	B15	GB 9109913.5	7/23/92	GB
	B16	GB 91 1902.4	12/10/92	GB
	B17	WO 90/12023	10/18/90	PCT
	B18	WO 91/1 186	8/8/91	PCT
	B19	WO 91/1 186	8/8/91	PCT
	B20	WO 91/17 59	11/14/91	PCT
	B21	WO.92/10496	6/25/92	PCT
	B22	WO 92/1049	6/25/92	PCT
	B23	WO 92/11852	7/23/92	PCT
	B24	WO 92/14743	9/3/92	PCT
	B25	WO 92/15308	9/17/92	PCT
	B26	WO 92/18517	10/29/92	PCT
	B27	WO 92/19246	11/12/92	PCT
	B28	WO 92/21676	12/10/92	PCT

	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)
C01	Bazarini et al., 1986, "Potent and selective ant-HTLV-III/LAV activity of 2',3'-dideoxycytidinene, the 2',3'-unsaturated derivative of 2',3'-dideoxycytidine", Biochem Biophys Res Comm 140(2):735-742.
C02	Belleau et al., 1989, "Design and activity of a novel class of nucleoside analogs effective against HIV-1", 5th International Conference on AIDS, Montreal, Canada, June 4-9, 1989.
C03	Carter et al., 1990, "Activities of (-)-carbovir and 3'azido-3'deoxythymidine against human immunodeficiency virus in vitro", Antimicrob Agents Chemother 34(6):1297-1300.
C04	Chang et al., 1987, "Production of hepatitis B virus in vitro by transient expression of cloned HBV DNA in a hepatoma cell like", EMBO J 6(3):675-680.
C05	Chang et al., 1992, "Deoxycytidine deaminase-resistant stereoisomer is the active form of (±)-2',3'-dideoxy-3'- thiacytidine in the inhibition of hepatitis B virus replication", J Biol Chem 267:13938-13942.

C06	Chen and Cheng, 1989, "Delayed cytotoxicity and selective loss of mitochondrial DNA in cells treated with the anti- human immuodeficiency virus compound 2,'3'-dideoxycytidine", J Biol Chem 264(20):11934-11937.
C07	chromatograph alleging to show that BCH-189 was separated into its individual enantiomers using a chiral triacetylcellulose column (see Third Supplemental Information Disclosure Statement under 37 C.F.R. § 1.56)
C08	
Cos	Chu et al., 1988, "An efficient total synthesis of 3'-azido-3'-deoxythymidine (AZT) and 3'-azido-2',3'-dideoxyuridine (AZDDU, CS-87) from <u>D</u> -mannitol", Tetrahedron Letters 29(42):5349-5352.
C09	Chu et al., 1988, Comparative activity of 2',3'-saturated and unsaturated pyrimidine and purine nucleosides against human immunodeficiency virus type 1 in peripheral blood mononuclear cells'', Biochem Pharmacol 37(19):3543-3548.
C10	Chu et al., 1989, "Structure-activity relationships of pyrimidine nucleosides as antiviral agents for human
	immunodeficiency virus vpe 1 in peripheral blood mononuclear cells", J Med Chem 32:612-617.
C11	Cretton et al., 1991, "Catabolism of 3'-azido-3'-deoxythymidine in hepatocytes and liver microsomes, with evidence of formation of 3'-amino-3'deoxythymidine, a highly toxic catabolite for human bone marrow cells", Mol Pharmacol 39:258-266.
C12	Cretton et al., 1991, "Pharmacokinetics of 3'-azido-3'deoxythymidine and its catabolites and interactions with
	probenecid in Rhesus monkeys", Antimicrob Agents Chemother 35(5):801-807.
C13	Di Bisceglie et al., 1988, "Hepatocel ular carcinoma", Ann Intern Med 108:390-401.
C14	Doong et al., 1991, "Inhibition of the replication of hepatitis B virus in vitro by 2',3'-dideoxy-3'-thiacytidine and related analogues", Proc Natl Acad Sci 88:8495-8499.
C15	E.L. Eliel, Stereochemistry of Carbon Compounds 31-86 (1962)
C16	F.A. Farraye et al., "Preliminary Evidence that Azidothymidine does not Affect Hepatitis B Virus Infection in Acquired Immunodeficiency Syndrome (AIDS) Patients," J. Med. Virol. 29:266-67 (1989)
C17	Furman et al., 1992, "The anti-hepatitis B virus activities, cytotoxicities, and anabolic profiles of the the (-) and (+) enantiomers of cis-5-fluoro-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]cytosine", Antimicrob Agents Chemother 36(12):2686-2692.
C18	Ganem and Varmus, "The molecular biology of the hepatitis B virus", Ann Rev Biochem 56:651-693.
C19	H. Haritani et al., "Effect of 3'-Azido-3'-Deoxythymidine on Replication of Duck Hepatitus B Virus In Vivo and In Vitro," J. Med. Virol. 29:244-48 (1989)
C20	H.E. Varmus, "A Growing Role for Reverse Transcription," Nature 299:204-205 (1982)
C21	Jeong et al., 1993, "symmetric synthesis and biological evaluation of β -L-(2R,5S)- and α -L-(2R,5R)-1,3-oxathiolane-pyrimidine and -purine nucleosides as potential anti-HIV agents", J Med Chem 36(2):181-195.
C22	Kassianides et al., 1989, "Inhibition of duck hepatitis B virus replication by 2',3'-dideoxycytidine: A potential inhibitor of reverse transcriptase", Gastroenterology 97:1275-1280.
C23	Krenitsky et al., 1983, "3'-amino-2',3'-dideoxyribonucleosides of some pyrimidines: Synthesis and biological activities", J Med Chem 26(6) 891-895.
	C07 C08 C09 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21

	C25	Lin et al., 1987, "Potent and selective in vitro activity of 3'-deoxythymidin-2'ene(3'-deoxy-2',3'-didehydrothymidine)
	ļ	against human immunodeficiency virus", Biochem Pharmacol 36(17):2713-2718.
. ^	C26	M. Mahmoudian et al., "Enzymatic Production of Optically Pure (2'R-cis)-2'-deoxy-3'-thiacytidine (3TC,
V		Lamivudine): A potent anti-HIV agent," Enzyme Microb. Technol. 15:749-55 (1993)
	C27	Matthes et al., 1990, "Potent inhibition of hepatitis B virus production in vitro by modified pyrimidine nucleosides",
		Antimicrob Agents Chemother 34(16):1986-1990.
	C28	Memorandum, 1988, "Progress in the control of viral hepatitis: Memorandum from a WHO meeting", Bull WHO
	C29	66(4)):\\43-455.
		Miller and Robinson, 1986, "Common evolutionary origin of hepatitis B virus and retroviruses", Proc Natl Acad Sci 83:2531-2635.
	C30	Mitsuya et al., 1985, "3'-azido-3'deoxythymidine (BW A509U): An antiviral agent that inhibits the infectivity and
		cytopathic effect of human T-lymphotropic virus type III/lymphadenopathy-associated virus in vitro", Proc Natl Acad
		Sci 82:7096-\(\lambda\) 00.
	C31	Mitsuya et al., 1987, "Rapid in vitro systems for assessing activity of agents against HTLV-III/LAV", in AIDS:
		Modern Concepts And Therapeutic Challenges, Broder (ed.), pp. 303-333.
	C32	Mitsuya et al., 1990, "Molecular targets for AIDS therapy", Science 249:1533-1544.
	C33	Norbeck et al., 1989, ((±)-Dioxolane-T: A new 2',3'-dideoxynucleoside prototype with in vitro activity against HIV",
		Tetrahedron Letters 30(46):6263-6266.
	C34	Okabe et al., 1988, "Synthesis of the dideoxynucleosides ddC and CNT from glutamic acid, ribolactone, and
		pyrimidine bases", J Org Chem 53(20):4780-4786.
	C35	Richman et al., 1987, "The exicity of azidothymidine (AZT) in the treatment of patients with AIDS and AIDS-related
	C36	complex", New Engl J Med 347(4):192-197.
<u> </u>	 	S.H. Wilen, Tables of Resolving Agents and Optical Resolutions 3-33 and 141-195 (1972)
	C37	Satsumabayashi et al., 1972, "The syntheses of 1,3-oxathiolan-5-one derivatives", Bull Chem Soc Japan 45:913-915.
	C38	Schinazi et al., 1992, "Activities of four optical isomers of 2',3'-dideoxy-3'thiacytidine (BCH-189) against human
·	ļ	immunodeficiency virus type 1 in human lymphocytes", Antimicrob Agents Chemother 36(3):672-676.
	C39	Schinazi et al., 1992, "Insights into HIV chemotherapy", AIDS Research and Human Retroviruses 8(6):963-990.
	C40	Schinazi et al., 1992, "Pharmacokinetics and metabolism of racemic 2',3'-dideoxy-5-fluoro-3'-thiacytidine in Rhesus
		monkeys", Antimicrob Agents Chemother 36(11):2432-2438.
	C41	Schinazi et al., 1992, "Selective inhibition of human immunodeficiency viruses by racemates and enantiomers of cis-
		5-fluoro-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]cytosine", Antimicrob Agents Chemother 36(11):2423-2431.
	C42	Schinazi et al., 1992, "Substrate specificity of Escherichia coli thymidine phosphorylase for pyrimidine nucleosides
		with-anti-human immunodeficiency virus activity", Biochem Pharmacol 44(2):199-204.
	C43	Sells et al., 1987, "Production of hepatitis B virus particles in Hep G2 cells transfected with cloned hepatitis B virus
	<u> </u>	DNA", Proc Natl Acad Sci 84:1009.
	C44	Soudeyns et al., 1991, "Anti-human immunodeficiency virus type 1 activity and in vitro toxicity of 2'-deoxy-3'-
	<u></u>	thiacytidine (BCH-189), a novel heterocyclic nucleoside analog", Antimicrob Agents Chemother 35(7):1386-1390.
	C44	l · · · · · · · · · · · · · · · · · · ·

	T =	
	C45	Sterzycki et al., 1990, "Synthesis and anti-HIV activity of several 2'-fluoro-containing pyrimidine nucleosides", J Med
		Chem 33:2150-2157.
	C46	Storer et al., 1993, "The resolution and absolute stereochemistry of the enantiomers of cis-1-[2-(hydroxymethyl)-1,3-
		oxathiolan-5-yl)cytosine (BCH189): Equipotent anti-HIV agents", Nucleosides and Nucleotides 12(2):225-236.
	C47	Sureau et al. 1986, "Production of hepatitis B virus by a differentiated human hepatoma cell line after transfection with a cloned circular HBV DNA", Cell 47:37-47.
	C48	Tsurimoto et al., 1987, "Stable expression and replication of hepatitis B virus genome in an integrated state in a human hepatoma cell line transfected with the cloned viral DNA", Proc Natl Acad Sci 84:444-448.
 	C49	Volk (ed.), 1982, 'Essentials of Medical Microbiology', pp. 609-618.
	C50	Vorbruggen et al., 1981, "Nucleoside synthesis with trimethylsilyl triflate and perchlorate as catalysts", Chem Ber 114:1234-1255.
~	C51	W.H. Pirkle et al., "Chiral Stationary Phases for the Direct LC Separation of Enantiomers," (journal title and date unavailable); pp 73-127
	C52	Wilsomet al., 1990, "A general method for controlling glycosylation stereochemistry in the synthesis of 2'-deoxyribose nucleosides", Tetrahedron Letters 13:1815-1818.
	C53	Wilson et al., 1993, "The synthesis and anti-HIV activity of pyrimidine dioxolanyl nucleosides", Bioorg Med Chem Letters 3(2):169-174.
_	C54	Yokota et al., 1990, "Comparative activities of several nucleoside analogs against duck hepatitis B virus in vitro", Antimicrob Agents Chemother 34(7):1326-1330.
	C55	Zhu et al., 1991, 'Cellular metabolism of 3'-azido-2',3'-dideoxyuridine with formation of 5'-O-diphosphohexose derivatives by previously unrecognized metabolic pathways for deoxyuridine analogs", Mol Pharmacol 38:929-938.
	C56	Skalski et al., 1993, The biochemical basis for the differential anti-human immunodeficiency virus activity of two cis enantiomers of 2',3'-dideoxy-3'-thiacytidine. J Biol Chem. 268(31):23234-8
.	C57	De Clercq E. 1995, Toward improved anti-HIV chemotherapy: therapeutic strategies for intervention with HIV infections. J Med Chem. 38(14):2491-517. Review
	C58	Bastow et al. 1983, Susceptibility of phosphonoformic acid-resistant herpes simplex virus variants to arabinosylnucleosides and aphidicolin. Antimicrob Agents Chemother. 1983 Jun;23(6):914-7

EXAMINER	1 Cool	DATE CONSIDERED	6/25/0	ک۵
----------	--------	-----------------	--------	----

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.